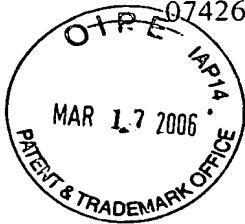


03-20-06  
ZRW

ATTORNEY DOCKET NO.  
074263.0208

PATENT APPLICATION  
10/766,494



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Shilin Chen  
Serial No.: 10/766,494  
Filing Date: January 28, 2004  
Group Art Unit: 2128  
Examiner: Hugh M. Jones  
Title: **ROLLER-CONE BITS, SYSTEMS, DRILLING  
METHODS, AND DESIGN METHODS WITH  
OPTIMIZATION OF TOOTH ORIENTATION**

**Mail Stop AMENDMENT**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

03/21/2006 WABDELRI 00000017 10766494  
01 FC:1806 180.00 OP

<b>EXPRESS MAIL CERTIFICATE NO.: EV 733646635 US</b>	
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
Name:	<u>Willie Jiles</u> Willie Jiles
Date:	March 17, 2006

EV733646635US

**INFORMATION DISCLOSURE STATEMENT**

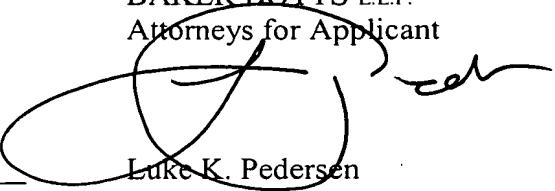
Applicant respectfully submits this Information Disclosure Statement and attached PTO Form 1449 and requests, pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, that the references listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified application. Copies of these references are also enclosed for the convenience of the Examiner. Furthermore, pursuant to 37 C.F.R. §§1.97(g) and (h), no representation is made that these references are material to the patentability of the present application.

This Information Disclosure Statement is submitted after the first Office Action, but before the Final Office Action. Pursuant to 1.97(c) and 1.17(p), the stipulated fee of \$180.00 is enclosed herewith. The Commissioner is hereby authorized to charge any additional fees or credit any overpayments to Deposit Account No. 50-2148 of Baker Botts L.L.P. in order to effectuate this filing.

Respectfully submitted,

BAKER BOTTs L.L.P.  
Attorneys for Applicant

Date: 3/17/06

  
Luke K. Pedersen  
Reg. No. 45,003  
Phone: 214.953.6655

CORRESPONDENCE ADDRESS:

Customer Number: **31625**  
Attorney Docket Number: 074263.0208

<b>PTO-1449</b> <b>Information Disclosure Citation</b> <b>in an Application</b>	Application No.	Applicant(s)		
	<b>10/766,494</b>	<b>Shilin Chen</b>		
	Docket Number <b>074263.0208</b>	Group Art Unit <b>2128</b>	Filing Date <b>January 28, 2004</b>	

**U.S. PATENT DOCUMENTS**

PATENT & TRADEMARK OFFICE	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	6,260,635	07/17/2001	Crawford	175	371	01/25/1999
B.	5,856,949	02/15/2005	Singh et al.	703	7	05/22/2003
C.						
D.						

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
E.	GB 2 300 208 A	10/30/1996	United Kingdom	E 21 B	10/46	X	
F.							
G.							
H.							

**NON-PATENT DOCUMENTS**

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
I.	Maurer, W.C., "The Perfect-Cleaning Theory of Rotary Drilling", Journal of Petroleum Technology, SPE, pp. 1270-1274.	Nov. 1962
J.	Ma. D., et al. "A New Method for Designing Rock Bit", SPE Proceedings, Vol. 22431, XP008058830, 10 pages.	03/24/1992
K.	Notification of Great Britain Search Report for Application No. GB 0516638.4 (4 pages)	01/05/2006
L.	Notification of Great Britain Search Report for Application No. GB 0523735.9 (3 pages)	01/31/2006
M.	Communication from European Patent Office regarding opposition; Application No. 99945376.4-1266/1117894 through the Munich office (5 pages)	02/15/2006
N.	Notification of European Search Report for Patent Application No. EP 04025560.2-2315 (4 pages)	02/24/2006
O.	Notification of European Search Report for Patent Application No. EP 04025561.4-2315 (4 pages)	02/24/2006
P.	Approved Judgment before Ho. Pumfrey, High Court of Justice, Chancery Division, Patents Court, Case HC04C00114, 00689, 00690, (Halliburton v. Smith Internl.), Royal Courts of Justice, Strand, London. (84 pages)	02/24/2006
Q.	Notification of European Search Report for Patent Application No. EP 04025562.2 - 2315 (4 pages)	02/24/2006
R.	Notification of European Search Report for Patent Application No. EP 04025232.2 - 2315 (4 pages)	02/24/2006

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

U.S. PATENT AND TRADEMARK OFFICE